

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/576266
Source: DPNP
Date Processed by STIC: 3/21/07

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number:

10/576/266

CRF Edit Date:

3/21/07

Edited by:

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: invalid beginning/end-of-file text ; ____ page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

— Other:



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,266

DATE: 03/21/2007
TIME: 16:13:25

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\03212007\J576266.raw

5 <110> APPLICANT: Deutsches Krebsforschungszentrum
 9 <120> TITLE OF INVENTION: Use of ADAM 12 for diagnosis and therapy of preeclampsia
 13 <130> FILE REFERENCE: DK62208PC
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/576,266
 C--> 17 <141> CURRENT FILING DATE: 2006-04-17
 17 <150> PRIOR APPLICATION NUMBER: EP03023815.8
 19 <151> PRIOR FILING DATE: 2003-10-17
 23 <160> NUMBER OF SEQ ID NOS: 20
 27 <170> SOFTWARE: PatentIn version 3.1
 31 <210> SEQ ID NO: 1
 33 <211> LENGTH: 5062
 35 <212> TYPE: DNA
 37 <213> ORGANISM: Homo sapiens
 41 <220> FEATURE:
 43 <221> NAME/KEY: CDS
 45 <222> LOCATION: (307)..(3036)
 47 <223> OTHER INFORMATION:

W--> 51 <400> 1
 52 cactaacgct cttcctagtc cccggggccaa ctcggacagt ttgctcattt attgcaacgg 60
 54 tcaaggctgg cttgtgccag aacggcgccgc ggcgcacgca cgcacacaca cggggggaaa 120
 56 ctttttaaa aatgaaaaggc tagaagagct cagcggccggc gcggggccgtg cgcgaggggct 180
 58 ccggagctga ctcggccgagg cagggaaatcc ctccggctgc gacgccccggc cccgctcggc 240
 60 gccccggctgg gatggtgccag cgctcgccgc cggggcccggag agctgctgca ctgaaggccg 300
 62 gcgacg atg gca gcg cgc ccg ctg ccc gtg tcc ccc gcc cgc gcc ctc 348
 63 Met Ala Ala Arg Pro Leu Pro Val Ser Pro Ala Arg Ala Leu
 64 1 5 10
 66 ctg ctc gcc ctg gcc ggt gct ctg ctc gcg ccc tgc gag gcc cga ggg 396
 67 Leu Leu Ala Leu Ala Gly Ala Leu Leu Ala Pro Cys Glu Ala Arg Gly
 68 15 20 25 30
 70 gtg agc tta tgg aac caa gga aga gct gat gaa gtt gtc agt gcc tct 444
 71 Val Ser Leu Trp Asn Gln Gly Arg Ala Asp Glu Val Val Ser Ala Ser
 72 35 40 45
 74 gtt cggtt agt ggg gac ctc tgg atc cca gtg aag agc ttc gac tcc aag 492
 75 Val Arg Ser Gly Asp Leu Trp Ile Pro Val Lys Ser Phe Asp Ser Lys
 76 50 55 60
 78 aat cat cca gaa gtg ctg aat att cga cta caa cgg gaa agc aaa gaa 540
 79 Asn His Pro Glu Val Leu Asn Ile Arg Leu Gln Arg Glu Ser Lys Glu
 80 65 70 75
 82 ctg atc ata aat ctg gaa aga aat gaa ggt ctc att gcc agc agt ttc 588
 83 Leu Ile Ile Asn Leu Glu Arg Asn Glu Gly Leu Ile Ala Ser Ser Phe
 84 80 85 90
 86 acg gaa acc cac tat ctg caa gac ggt act gat gtc tcc ctc gct cga 636
 87 Thr Glu Thr His Tyr Leu Gln Asp Gly Thr Asp Val Ser Leu Ala Arg

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,266

DATE: 03/21/2007
TIME: 16:13:25

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\03212007\J576266.raw

88	95	100	105	110	
90	aat tac acg gta att ctg ggt cac tgt tac tac cat gga cat gta cgg				684
91	Asn Tyr Thr Val Ile Leu Gly His Cys Tyr Tyr His Gly His Val Arg				
92	115	120	125		
94	gga tat tct gat tca gca gtc agt ctc agc acg tgt tct ggt ctc agg				732
95	Gly Tyr Ser Asp Ser Ala Val Ser Leu Ser Thr Cys Ser Gly Leu Arg				
96	130	135	140		
98	gga ctt att gtg ttt gaa aat gaa acg tat gtc tta gaa cca atg aaa				780
99	Gly Leu Ile Val Phe Glu Asn Glu Ser Tyr Val Leu Glu Pro Met Lys				
100	145	150	155		
102	agt gca acc aac aga tac aaa ctc ttc cca gcg aag aag ctg aaa agc				828
103	Ser Ala Thr Asn Arg Tyr Lys Leu Phe Pro Ala Lys Lys Leu Lys Ser				
104	160	165	170		
106	gtc cg gga tca tgt gga tca cat cac aac aca cca aac ctc gct gca				876
107	Val Arg Gly Ser Cys Gly Ser His His Asn Thr Pro Asn Leu Ala Ala				
108	175	180	185	190	
110	aag aat gtg ttt cca cca ccc tct cag aca tgg gca aga agg cat aaa				924
111	Lys Asn Val Phe Pro Pro Ser Gln Thr Trp Ala Arg Arg His Lys				
112	195	200	205		
114	aga gag acc ctc aag gca act aag tat gtg gag ctg gtg atc gtg gca				972
115	Arg Glu Thr Leu Lys Ala Thr Lys Tyr Val Glu Leu Val Ile Val Ala				
116	210	215	220		
118	gac aac cga gag ttt cag agg caa gga aaa gat ctg gaa aaa gtt aag				1020
119	Asp Asn Arg Glu Phe Gln Arg Gln Gly Lys Asp Leu Glu Lys Val Lys				
120	225	230	235		
122	cag cga tta ata gag att gct aat cac gtt gac aag ttt tac aga cca				1068
123	Gln Arg Leu Ile Glu Ile Ala Asn His Val Asp Lys Phe Tyr Arg Pro				
124	240	245	250		
126	ctg aac att cgg atc gtg ttg gta ggc gtg gaa gtg tgg aat gac atg				1116
127	Leu Asn Ile Arg Ile Val Leu Val Gly Val Glu Val Trp Asn Asp Met				
128	255	260	265	270	
130	gac aaa tgc tct gta agt cag gac cca ttc acc agc ctc cat gaa ttt				
131	Asp Lys Cys Ser Val Ser Gln Asp Pro Phe Thr Ser Leu His Glu Phe				
132	275	280	285		
134	ctg gac tgg agg aag atg aag ctt cta cct cgc aaa tcc cat gac aat				1212
135	Leu Asp Trp Arg Lys Met Lys Leu Leu Pro Arg Lys Ser His Asp Asn				
136	290	295	300		
138	gcg cag ctt gtc agt ggg gtt tat ttc caa ggg acc acc atc ggc atg				1260
139	Ala Gln Leu Val Ser Gly Val Tyr Phe Gln Gly Thr Thr Ile Gly Met				
140	305	310	315		
142	gcc cca atc atg agc atg tgc acg gca gac cag tct ggg gga att gtc				1308
143	Ala Pro Ile Met Ser Met Cys Thr Ala Asp Gln Ser Gly Gly Ile Val				
144	320	325	330		
146	atg gac cat tca gac aat ccc ctt ggt gca gcc gtg acc ctc gca cat				1356
147	Met Asp His Ser Asp Asn Pro Leu Gly Ala Ala Val Thr Leu Ala His				
148	335	340	345	350	
150	gag ctg ggc cac aat ttc ggg atg aat cat gac aca ctg gac agg ggc				1404
151	Glu Leu Gly His Asn Phe Gly Met Asn His Asp Thr Leu Asp Arg Gly				
152	355	360	365		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,266

DATE: 03/21/2007
TIME: 16:13:25

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\03212007\J576266.raw

154	tgt	agc	tgt	caa	atg	gcg	gtt	gag	aaa	gga	ggc	tgc	atc	atg	aac	gct		1452
155	Cys	Ser	Cys	Gln	Met	Ala	Val	Glu	Lys	Gly	Gly	Cys	Ile	Met	Asn	Ala		
156					370				375					380				
158	tcc	acc	ggg	tac	cca	ttt	ccc	atg	gtg	ttc	agc	agt	tgc	agc	agg	aag		1500
159	Ser	Thr	Gly	Tyr	Pro	Phe	Pro	Met	Val	Phe	Ser	Ser	Cys	Ser	Arg	Lys		
160					385				390				395					
162	gac	ttg	gag	acc	agc	ctg	gag	aaa	gga	atg	ggg	gtg	tgc	ctg	ttt	aac		1548
163	Asp	Leu	Glu	Thr	Ser	Leu	Glu	Lys	Gly	Met	Gly	Val	Cys	Leu	Phe	Asn		
164					400				405				410					
166	ctg	ccg	gaa	gtc	agg	gag	tct	ttc	ggg	ggc	cag	aag	tgt	ggg	aac	aga		1596
167	Leu	Pro	Glu	Val	Arg	Glu	Ser	Phe	Gly	Gly	Gln	Lys	Cys	Gly	Asn	Arg		
168	415					420					425					430		
170	ttt	gtg	gaa	gaa	gga	gag	gag	tgt	gac	tgt	ggg	gag	cca	gag	gaa	tgt		1644
171	Phe	Val	Glu	Glu	Gly	Glu	Glu	Cys	Asp	Cys	Gly	Glu	Pro	Glu	Glu	Cys		
172						435					440				445			
174	atg	aat	cgc	tgc	tgc	aat	gcc	acc	acc	tgt	acc	ctg	aag	ccg	gac	gct		1692
175	Met	Asn	Arg	Cys	Cys	Asn	Ala	Thr	Thr	Cys	Thr	Leu	Lys	Pro	Asp	Ala		
176						450				455			460					
178	gtg	tgc	gca	cat	ggg	ctg	tgc	tgt	gaa	gac	tgc	cag	ctg	aag	cct	gca		1740
179	Val	Cys	Ala	His	Gly	Leu	Cys	Cys	Glu	Asp	Cys	Gln	Leu	Lys	Pro	Ala		
180						465				470			475					
182	gga	aca	gca	gag	tcg	agg	gac	tcc	agc	aac	tcc	tgt	gac	ctc	cca	gag	ttc	1788
183	Gly	Thr	Ala	Cys	Arg	Asp	Ser	Ser	Asn	Ser	Cys	Asp	Leu	Pro	Glu	Phe		
184						480				485			490					
186	tgc	aca	ggg	gcc	agc	cct	cac	tgc	cca	gcc	aac	gtg	tac	ctg	cac	gat		1836
187	Cys	Thr	Gly	Ala	Ser	Pro	His	Cys	Pro	Ala	Asn	Val	Tyr	Leu	His	Asp		
188	495						500				505				510			
190	ggg	cac	tca	tgt	cag	gat	gtg	gac	ggc	tac	tgc	tac	aat	ggc	atc	tgc		1884
191	Gly	His	Ser	Cys	Gln	Asp	Val	Asp	Gly	Tyr	Cys	Tyr	Asn	Gly	Ile	Cys		
192							515				520			525				
194	cag	act	cac	gag	cag	cag	tgt	gtc	aca	ctc	tgg	gga	cca	ggt	gct	aaa		1932
195	Gln	Thr	His	Glu	Gln	Gln	Cys	Val	Thr	Leu	Trp	Gly	Pro	Gly	Ala	Lys		
196							530				535			540				
198	cct	gcc	cct	ggg	atc	tgc	ttt	gag	aga	gtc	aat	tct	gca	ggt	gat	cct		1980
199	Pro	Ala	Pro	Gly	Ile	Cys	Phe	Glu	Arg	Val	Asn	Ser	Ala	Gly	Asp	Pro		
200							545				550			555				
202	tat	ggc	aac	tgt	ggc	aaa	gtc	tgc	aag	agt	tcc	ttt	gcc	aaa	tgc	gag		2028
203	Tyr	Gly	Asn	Cys	Gly	Lys	Val	Ser	Lys	Ser	Ser	Phe	Ala	Lys	Cys	Glu		
204							560				565			570				
206	atg	aga	gat	gct	aaa	tgt	gga	aaa	atc	cag	tgt	caa	gga	ggt	gcc	agc		2076
207	Met	Arg	Asp	Ala	Lys	Cys	Gly	Lys	Ile	Gln	Cys	Gln	Gly	Gly	Ala	Ser		
208	575							580				585			590			
210	cgg	cca	gtc	att	ggt	acc	aat	gcc	gtt	tcc	ata	gaa	aca	aac	atc	ccc		2124
211	Arg	Pro	Val	Ile	Gly	Thr	Asn	Ala	Val	Ser	Ile	Glu	Thr	Asn	Ile	Pro		
212								595				600			605			
214	ctg	cag	caa	gga	ggc	cgg	att	ctg	tgc	cgg	ggg	acc	cac	gtg	tac	ttg		2172
215	Leu	Gln	Gln	Gly	Gly	Arg	Ile	Leu	Cys	Arg	Gly	Thr	His	Val	Tyr	Leu		
216								610				615			620			
218	ggc	gat	gac	atg	ccg	gac	cca	ggg	ctt	gtg	ctt	gca	ggc	aca	aag	tgt		2220

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,266

DATE: 03/21/2007
TIME: 16:13:25

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\03212007\J576266.raw

219	Gly	Asp	Asp	Met	Pro	Asp	Pro	Gly	Leu	Val	Leu	Ala	Gly	Thr	Lys	Cys	
220				625				630				635					
222	gca	gat	gga	aaa	atc	tgc	ctg	aat	cgt	caa	tgt	caa	aat	att	agt	gtc	2268
223	Ala	Asp	Gly	Lys	Ile	Cys	Leu	Asn	Arg	Gln	Cys	Gln	Asn	Ile	Ser	Val	
224					640				645			650					
226	ttt	ggg	gtt	cac	gag	tgt	gca	atg	cag	tgc	cac	ggc	aga	ggg	gtg	tgc	2316
227	Phe	Gly	Val	His	Glu	Cys	Ala	Met	Gln	Cys	His	Gly	Arg	Gly	Val	Cys	
228	655					660				665			670				
230	aac	aac	agg	aag	aac	tgc	cac	tgc	gag	gcc	cac	tgg	gca	cct	ccc	ttc	2364
231	Asn	Asn	Arg	Lys	Asn	Cys	His	Cys	Glu	Ala	His	Trp	Ala	Pro	Pro	Phe	
232						675				680			685				
234	tgt	gac	aag	ttt	ggc	ttt	gga	gga	agc	aca	gac	agc	ggc	ccc	atc	cgg	2412
235	Cys	Asp	Lys	Phe	Gly	Phe.	Gly	Gly	Ser	Thr	Asp	Ser	Gly	Pro	Ile	Arg	
236						690				695			700				
238	caa	gca	gat	aac	caa	ggt	tta	acc	ata	gga	att	ctg	gtg	acc	atc	ctg	2460
239	Gln	Ala	Asp	Asn	Gln	Gly	Leu	Thr	Ile	Gly	Ile	Leu	Val	Thr	Ile	Leu	
240						705				710			715				
242	tgt	ctt	ctt	gct	gcc	gga	ttt	gtg	gtt	tat	ctc	aaa	agg	aag	acc	ttg	2508
243	Cys	Leu	Leu	Ala	Ala	Gly	Phe	Val	Val	Tyr	Leu	Lys	Arg	Lys	Thr	Leu	
244						720				725			730				
246	ata	cga	ctg	ctg	ttt	aca	aat	aag	aag	acc	acc	att	gaa	aaa	cta	agg	2556
247	Ile	Arg	Leu	Leu	Phe	Thr	Asn	Lys	Lys	Thr	Thr	Ile	Glu	Lys	Leu	Arg	
248	735						740				745			750			
250	tgt	gtg	cgc	cct	tcc	cgg	cca	ccc	cgt	ggc	ttc	caa	ccc	tgt	cag	gct	2604
251	Cys	Val	Arg	Pro	Ser	Arg	Pro	Pro	Arg	Gly	Phe	Gln	Pro	Cys	Gln	Ala	
252							755				760			765			
254	cac	ctc	ggc	cac	ctt	gga	aaa	ggc	ctg	atg	agg	aag	ccg	cca	gat	tcc	2652
255	His	Leu	Gly	His	Leu	Gly	Lys	Gly	Leu	Met	Arg	Lys	Pro	Pro	Asp	Ser	
256						770				775			780				
258	tac	cca	cgt	aag	gac	aat	ccc	agg	aga	ttg	ctg	cag	tgt	cag	aat	gtt	2700
259	Tyr	Pro	Pro	Lys	Asp	Asn	Pro	Arg	Arg	Leu	Leu	Gln	Cys	Gln	Asn	Val	
260						785				790			795				
262	gac	atc	agc	aga	ccc	ctc	aac	ggc	ctg	aat	gtc	cct	cag	ccc	cag	tca	2748
263	Asp	Ile	Ser	Arg	Pro	Leu	Asn	Gly	Leu	Asn	Val	Pro	Gln	Pro	Gln	Ser	
264						800				805			810				
266	act	cag	cga	gtg	ctt	cct	ccc	ctc	cac	cg	gcc	cca	cgt	gca	cct	agc	2796
267	Thr	Gln	Arg	Val	Leu	Pro	Pro	Leu	His	Arg	Ala	Pro	Arg	Ala	Pro	Ser	
268	815						820				825			830			
270	gtc	cct	gcc	aga	ccc	ctg	cca	gcc	aag	cct	gca	ttt	agg	cag	gcc	cag	2844
271	Val	Pro	Ala	Arg	Pro	Leu	Pro	Ala	Lys	Pro	Ala	Leu	Arg	Gln	Ala	Gln	
272							835				840			845			
274	ggg	acc	tgt	aag	cca	aac	ccc	cct	cag	aag	cct	ctg	cct	gca	gat	cct	2892
275	Gly	Thr	Cys	Lys	Pro	Asn	Pro	Pro	Gln	Lys	Pro	Leu	Pro	Ala	Asp	Pro	
276							850				855			860			
278	ctg	gcc	aga	aca	act	cg	ctc	act	cat	gcc	ttg	gcc	agg	acc	cca	gga	2940
279	Leu	Ala	Arg	Thr	Thr	Arg	Leu	Thr	His	Ala	Leu	Ala	Arg	Thr	Pro	Gly	
280						865				870			875				
282	caa	tgg	gag	act	ggg	ctc	cg	ctg	gca	ccc	ctc	aga	cct	gct	cca	caa	2988
283	Gln	Trp	Glu	Thr	Gly	Leu	Arg	Leu	Ala	Pro	Leu	Arg	Pro	Ala	Pro	Gln	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,266

DATE: 03/21/2007
TIME: 16:13:25

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\03212007\J576266.raw

284	880	885	890	
286	tat cca cac caa gtg ccc aga tcc acc cac acc gcc tat att aag tga			3036
287	Tyr Pro His Gln Val Pro Arg Ser Thr His Thr Ala Tyr Ile Lys			
288	895	900	905	
290	gaagccgaca cctttttca acagtgaaga cagaagttt cactatctt cagctccagt			3096
292	tggagtttt tgtaccaact ttttaggattt ttttaatgt ttaaaaacatc attactataa			3156
294	gaacttttag ctaactgccgt cagtctgtg ctgtctatg gtgctctgtc tacttgacaa			3216
296	ggtacttgc aattattaaat ttatgcagaa tggtgattac agtgcagtgc gctgttagtag			3276
298	gcatttttac catcaactgag tttccatgg caggaaggct tggtgtgctt ttagtatttt			3336
300	agtgaacttg aaatatcctg cttgatggg ttctggacag gatgtgtttt cttctgatc			3396
302	aaggccttat tggaaagcag tcccccaact acccccagct gtgcttatgg taccagatgc			3456
304	agctcaagag atcccaagta gaatctcagt tgattttctg gattccccat ctcaggccag			3516
306	agccaagggg cttcagggtcc aggctgtgtt tggcttcag ggaggccctg tgccccttga			3576
308	caactggcag gcaggctccc agggacacct gggagaaaatc tggcttctgg ccaggaagct			3636
310	tttgtgagaa cctgggttgc agacaggaat cttaaagggt agccacacca ggatagagac			3696
312	tggAACACTA gacaagccag aacttgaccc tgagctgacc agccgtgagc atgtttggaa			3756
314	ggggctgtta gtgtcaactca aggccgtgct tgatagaat gccaagcact tcttttctc			3816
316	gctgtcctt ctagagcaact gccaccagta gtttatttag ctgggaaag gtgggtttc			3876
318	tgtaaAGAAAC ctactgcccc ggcactgcaa accgcacact ccctatactg ctggagctg			3936
320	agcaaATCAC cacaaactgt aatacaatga tcctgtattc agacagatga ggactttcca			3996
322	tgggaccaca actatttca gatgtgaacc attaaccaga tctagtcaat caagtctgtt			4056
324	tactgcaagg ttcaacttat taacaattag gcagactt tatgcttgc aaaaactacaa			4116
326	ccaatggaaat gtgtgttca tgggtatagt tcatgtctgc tatttttattt cgtagatatt			4176
328	ggacAAAGAA ctttcttat ggggcattctt ctttttccaa ctggctgca ggaatctta			4236
330	aaagatgctt ttaacagagt ctgaacctat ttcttaaaca ctgcacacct acctgtttag			4296
332	catcacagaa tgtgataagg aaatcaactt gcttatcaac ttcctaaata ttatgagatg			4356
334	tggcttgggc agcatcccc tgaactcttc actcttcaaa tgcctgacta gggagccatg			4416
336	tttcacaagg tctttaaagt gactaatggc atgagaaaata caaaaataact cagataaggt			4476
338	aaaatGCCAT gatgcctctg tcttctggac tggtttcac attagaagac aattgacaac			4536
340	agttacataa ttcaactctga gtgtttatg agaaaggctt ctggggggtaa acagtttt			4596
342	cctatgctt gaaacagaaa aatatgtacc aagaatctt gttgccttc cagaaaaacaa			4656
344	aactgcattt cacttccccgt gtgttccca ctgtatctag gcaacatagt attcatgact			4716
346	atggataaac taaacacgtg acacaaaacac acacaaaagg gaacccagct ctaatacatt			4776
348	ccaaactcgta tagcatgcat ctgtttattc tatagttatt aagttctta aatgtaaag			4836
350	ccatgctgaa aaataatact gctgagatac atacagaatt actgtactg attacacttg			4896
352	gtaattgtac taaagccaaa catatatata ctattaaaaa gtttacaga attttatgg			4956
354	gcattacgtg ggcattgtct ttttagatgc ccaaattccctt agatctggca tgtagccct			5016
356	tcctccaatt ataagaggat atgaacccaaa aaaaaaaaaa aaaaaaa			5062
359	<210> SEQ ID NO: 2			
361	<211> LENGTH: 909			
363	<212> TYPE: PRT			
365	<213> ORGANISM: Homo sapiens			
369	<400> SEQUENCE: 2			
371	Met Ala Ala Arg Pro Leu Pro Val Ser Pro Ala Arg Ala Leu Leu Leu			
372	1 5 10 15			
375	Ala Leu Ala Gly Ala Leu Leu Ala Pro Cys Glu Ala Arg Gly Val Ser			
376	20 25 30			
379	Leu Trp Asn Gln Gly Arg Ala Asp Glu Val Val Ser Ala Ser Val Arg			
380	35 40 45			

VERIFICATION SUMMARY DATE: 03/21/2007
PATENT APPLICATION: US/10/576,266 TIME: 16:13:26

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\03212007\J576266.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:51 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:47
L:619 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:615

**Raw Sequence Listing before editing
(for reference only)**



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,266

DATE: 03/16/2007
TIME: 11:11:45

Input Set : A:\Sequence.txt
Output Set: N:\CRF4\03162007\J576266.raw

5 <110> APPLICANT: Deutsches Krebsforschungszentrum
 9 <120> TITLE OF INVENTION: Use of ADAM 12 for diagnosis and therapy of preeclampsia
 13 <130> FILE REFERENCE: DK62208PC
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/576,266
C--> 17 <141> CURRENT FILING DATE: 2006-04-17
 17 <150> PRIOR APPLICATION NUMBER: EP03023815.8
 19 <151> PRIOR FILING DATE: 2003-10-17
 23 <160> NUMBER OF SEQ ID NOS: 20
 27 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

1443 <210> SEQ ID NO: 20
 1445 <211> LENGTH: 21
 1447 <212> TYPE: DNA
 1449 <213> ORGANISM: Homo sapiens
 1453 <400> SEQUENCE: 20
 1454 ~~atcaggataa tcacctgagc a~~

21

E--> 1467 28
E--> 1470 28

Does Not Contain
 Corrected Diskette Needed

(PG. 5)

Deleted

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,266

DATE: 03/16/2007

TIME: 11:11:46

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\03162007\J576266.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:51 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:47

L:619 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:615

L:1467 M:254 E: No. of Bases conflict, this line has no nucleotides.

M:254 Repeated in SeqNo=20